

Appl. No. 10/600,194
Amtd. Dated: July 20, 2005
Reply to Office Action of April 20, 2005

IN THE CLAIMS

1. (Previously Presented) A backlight assembly comprising:
a lamp to generate light;
a fixing member having a base substrate, a fixing clip protruded from an upper surface of the base substrate so as to fix the lamp and a first fixing portion formed by partially cutting-away the base substrate; and
a receiving receptacle to provide a receiving space in which the fixing member is received and to have a first fixing protrusion inserted into the first fixing portion, which is protruded from a bottom surface of base substrate, so as to fix the fixing member to the receiving space.
2. (Original) The backlight assembly of claim 1, wherein the fixing member is slid on the bottom surface of the receiving receptacle in a first direction to be coupled with the receiving receptacle after the fixing member is received into the receiving space.
3. (Original) The backlight assembly of claim 2, wherein the first fixing protrusion further comprises a protrusion portion protruded from an end portion of the first fixing protrusion in a second direction opposite to the first direction, which is inserted into the first fixing portion.
4. (Original) The backlight assembly of claim 3, wherein the protrusion portion makes contact with an upper surface of the base substrate after the fixing member is slid on the bottom surface of the receiving receptacle.
5. (Original) The backlight assembly of claim 3, wherein the fixing member further comprises a second fixing protrusion protruded from a lower surface of the base substrate.

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6. (Previously Presented) The backlight assembly of claim 5, wherein the receiving receptacle further comprises a second fixing portion formed on the bottom surface thereof so as to receive the second fixing protrusion.

7. (Original) The backlight assembly of claim 6, wherein the second fixing portion is formed by partially cutting-away the bottom surface of the receiving space.

8. (Original) The backlight assembly of claim 5, wherein the second fixing protrusion is inclined to the bottom surface of the receiving space.

9. (Original) The backlight assembly of claim 1, wherein the fixing member comprises a first fixing member and a second fixing member identical to each other so as to receive both end portions of the lamp, respectively.

10. (Original) The backlight assembly of claim 1, wherein the fixing member further comprises a third fixing protrusion integrally formed with the base substrate so as to prevent the lamp from moving towards a sidewall of the receiving receptacle.

11. (Original) The backlight assembly of claim 10, wherein the third fixing protrusion is positioned between an end portion of the lamp and the sidewall of the receiving receptacle.

12. (Original) The backlight assembly of claim 10, wherein the third fixing protrusion makes contact with the end portion of the lamp.

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13. (Previously Presented) The backlight assembly of claim 1, wherein the lamp comprises:

- a tube body to generate the light;
- an external electrode to outwardly surround both end portions of the tube body and receiving a driving voltage for the tube body; and
- a discharge gas charged into the tube body.

14. (Original) The backlight assembly of claim 13, wherein the fixing clip is electrically connected to the external electrode so as to apply the driving voltage provided from an external device to the external electrode.

15. (Original) The backlight assembly of claim 13, wherein the fixing member is provided with a first thru-hole passing through the base substrate.

16. (Original) The backlight assembly of claim 15, wherein the external device comprises an electric wire having a ring-shaped end portion on which a second thru-hole corresponding to the first thru-hole is formed so as to apply the driving voltage to the fixing member.

17. (Original) The backlight assembly of claim 16, wherein the receiving receptacle further comprises an engaging recess corresponding to the first thru-hole and the fixing member is electrically connected to the electric wire by means of a screw engaged into the engaging recess passing through the first and second thru-holes.

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18. (Currently Amended) A backlight assembly comprising:
a lamp to generate light;
an electrically conductive fixing member having a base substrate, a resilient fixing clip protruded from an upper surface of the base substrate so as to fix the lamp, and a fixing protrusion integrally formed with the base substrate so as to prevent the lamp from moving in a longitudinal direction of the lamp; and
a receiving receptacle having a receiving space in which the fixing member and the lamp coupled to the fixing member are received.

19. (Original) The backlight assembly of claim 18, wherein the fixing protrusion is positioned between an end portion of the lamp and a sidewall of the receiving receptacle so as to prevent the lamp from moving towards the sidewall of the receiving receptacle.

20. (Original) The backlight assembly of claim 18, wherein the fixing protrusion makes contact with the end portion of the lamp.

21. (Previously Presented) An LCD apparatus comprising:
an LCD panel to receive light from an external and receive an image;
a lamp to generate the light;
an electrically conductive fixing member having a base substrate, a resilient fixing clip protruded from an upper surface of the base substrate so as to fix the lamp and a first fixing portion formed by partially cutting-away the base substrate; and
a receiving receptacle to provide a receiving space in which the fixing member is received and to have a first fixing protrusion inserted into the first fixing portion, which is protruded from a bottom surface of the base substrate, so as to fix the fixing member to the receiving space.

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22. (Previously Presented) A backlight assembly comprising:
an electrically conductive fixing member having an electrically conductive base substrate, an electrically conductive unitary resilient fixing clip extending from a first surface of the base substrate, the fixing clip configured to fix a lamp to generate light, and a first fixing portion extending from an opposite second surface of the base substrate, the first fixing portion configured to fix the fixing member relative to a receiving receptacle.

23. (Previously Presented) The backlight assembly of claim 22, wherein the fixing member further comprises a third fixing protrusion integrally formed with the base substrate so as to prevent the lamp from moving towards a sidewall of the receiving receptacle.

24. (Previously Presented) The backlight assembly of claim 23, wherein the third fixing protrusion is positioned between an end portion of the lamp and the sidewall of the receiving receptacle.

25. (Original) The backlight assembly of claim 23, wherein the third fixing protrusion makes contact with the end portion of the lamp.

26. (New) The backlight assembly of claim 18, wherein the fixing protrusion faces an end portion of the lamp.